

CLAIM AMENDMENTS:

Claim 1 (currently amended): An apparatus for homogeneously distributing lights, comprising:

a single-layered light guide plate;

an incidence microstructure being arranged on a surface of the light guide plate and directly in front of and opposite to a light source; and

an emergence microstructure, the emergence microstructure being arranged on a surface of the light guide plate opposite to the incidence microstructure;

wherein the lights emitted by the light source pass through said apparatus thereby being homogenously distributed.

Claim 2 (original): The apparatus as claimed in claim 1, wherein the incidence microstructure is a continuous structure or a discontinuous structure having a triangle cross-section and longitudinally arranged along the light source.

Claim 3 (original): The apparatus as claimed in claim 1, wherein the emergence microstructure is a continuous structure or a discontinuous structure having a triangle cross-section and longitudinally arranged along the light source.

Claim 4 (original): The apparatus as claimed in claim 1, wherein the emergence microstructure is a micro lens array structure.

Claim 5 (original): The apparatus as claimed in claim 4, wherein the micro lens array structure is a structure selected from the groups consisting of honeycombed structure, circular dot structure and irregular structure.

Claim 6 (original): The apparatus as claimed in claim 1, wherein the light source is a plurality of lamp.

Claim 7 (original): The apparatus as claimed in claim 1, wherein the light guide plate is made of one of a light transmitting polymer material and a semi light transmitting polymer material.

Claim 8 (original): The apparatus as claimed in claim 1, wherein the apparatus is applied to a backlight module of an LCD panel.

Claim 9 (new): The apparatus as claimed in claim 1, wherein the incidence microstructure is comprised of a plurality of straight grooves.

Claim 10 (new): The apparatus as claimed in claim 9, wherein the emergence microstructure is comprised of a plurality of straight grooves.

Claim 11 (new): The apparatus as claimed in claim 10, wherein the emergence microstructure is wider than the incidence microstructure.

Claim 12 (new): The apparatus as claimed in claim 1, wherein the emergence microstructure is comprised of a plurality of straight grooves.

Claim 13 (new): The apparatus as claimed in claim 1, wherein the emergence microstructure is wider than the incidence microstructure.

Claim 14 (new): An apparatus for homogeneously distributing light, comprising:

a single-layered light guide plate having alternately-arranged first areas and second areas;

incidence microstructures, each being comprised of a plurality of straight grooves, the incidence microstructures being respectively disposed in the first areas, and on a first surface of the light guide plate and directly in front of a respective light source; and

emergence microstructures, each being comprised of a plurality of straight grooves, the emergence microstructures being respectively disposed in the second areas and on a second surface of the light guide plate that is opposite to the first surface;

wherein the light emitted by the light sources passes through said apparatus to thereby be homogeneously distributed.